

ABSTRACT

A solid-state image pickup device according to the present invention has a plurality of photoelectric conversion elements and a plurality of switching elements, characterized in that the 5 photoelectric conversion element is formed above at least one switching element, and a shielding electrode layer is disposed between the switching elements and the photoelectric conversion elements.

Further, a radiation image pickup device 10 according to the present invention has a radiation conversion layer for directly converting radiation into electric charges, and a plurality of switching elements, and is characterized in that the radiation 15 conversion layer is formed above one or more switching elements, and a shielding electrode layer is disposed between the switching elements and the radiation conversion layer.